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## Monthly Report

PAR 243A

31 Oct 66

SUBJECT: Briefing Print Enlarger (Prototype)

## TASK/PROBLEM

1. Design, fabricate and test a prototype briefing print enlarger (BPE) based upon tests and observations of the breadboard equipment developed on the combined PAR 202/224.

## DISCUSSION

2. During this month, the following progress was achieved:

a. Film Drier System. The design was completed. The bead of immersion fluid which may occasionally collect along the bottom edge of the negative web will be removed by momentarily touching the edge of the web with two special camel hair brushes as the web is being withdrawn upward from the gate.

b. Enclosure for the Exhauster (Platen Blower Housing). The enclosure was designed and part of the detail drawings were completed.

c. Negative Transport Assembly. Drawings were completed.

d. Electrical System Drawings. The required effort on these drawings is estimated to be 75% complete.

e. Exterior Covers. Several exterior covers were designed and detail drawings made.

f. Approximately 95% of the individual parts have been fabricated.

3. An acceptable proposal was received from a possible subcontractor for design and fabrication of the prototype Easel Photometer.

## PLANNED ACTIVITY

4. During the month of November:

a. Complete the electrical system drawings with the possible exception of minor items.

b. Complete the Exhauster Enclosure drawings.

Declass Review by NGA.

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- c. Continue work on assembly drawings.
- d. Place a subcontract for design and fabrication of the prototype Easel Photometer.
- e. Design the storage cabinets for the interchangeable optical system.
- f. Produce preliminary "FAK" and "Base Spares" parts lists.
- g. Revise the tentative specification for the BPE.
- h. Release the installation data.

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